

Appl. No. 10/541,343
Amdt. dated 09/29/2006

Attorney Docket No.: E5106-00005

AMENDMENTS TO THE CLAIMS

No Admission. The claims presented below are labeled pursuant to the request of the Patent and Trademark Office for convenience in examination. Reference to a claim as "currently amended" is not an admission that the claim was altered for any reason related to patentability.

1. (Currently Amended) A motoneuronotrophic factor peptide analogue ~~6 to 32 amino acids in length, said peptide analogue comprising an amino acid sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, and SEQ ID NO:7 according to SEQ ID NO:2; wherein said peptide analogue enhances the viability of motor neurons.~~

2-9. (Canceled)

10. (Original) A composition comprising the peptide analogue of claim 1 and a carrier.

11-22. (Canceled)

23. (New) A motoneuronotrophic factor peptide analogue of claim 1 having a sequence according to SEQ ID NO:2.

24. (New) A motoneuronotrophic factor peptide analogue of claim 1 having a sequence according to SEQ ID NO:3.

25. (New) A motoneuronotrophic factor peptide analogue of claim 1 having a sequence according to SEQ ID NO:4.

26. (New) A motoneuronotrophic factor peptide analogue of claim 1 having a sequence according to SEQ ID NO:5.

27. (New) A motoneuronotrophic factor peptide analogue of claim 1 having a sequence according to SEQ ID NO:6.

28. (New) A motoneuronotrophic factor peptide analogue of claim 1 having a sequence

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according to SEQ ID NO:7.

29. (New) A motoneuronotrophic factor peptide analogue of claim 1 wherein said peptide analogue promotes the outgrowth of mammalian motoneurons.